MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

APRIL 1956

OWEN GINGERICH, DIRECTOR

GIORGIO CONTINO, ASSOCIATE DIRECTOR

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WEATHER BUREAU

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APRIL 1956

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degress Centigrade					
	8:30	14:30	20·30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	68.9	66.7	66.4	67.3	17.7	13.0	14.3	17.2	13.7	15.1
2	63.6	60.1	57.8	60.5	21.2	15.0	16.1	20.5	16.4	17.7
3	54.1	55.6	57.5	55.7	20.3	12.4	19.4	18.8	15.4	17.9
4	56.8	56.6	58.7	57.4	19.5	12.5	13.5	19.1	14.5	15.7
5	57.0	56.6	59.2	57.6	22.0	15.1	18.3	19.6	16.3	18.1
6	57.9	56.1	56.1	56.7	28.0	17.7	17.8	27.5	23.0	22.8
7	56.4	57·2	59.2	57.6	23.5	14.8	20.8	21.1	17.0	19 6
8	60.7	60.8	59.1	60.2	20.0	14.8	18.6	17.7	16.4	17.6
9	59.8	58.3	59.0	59.0	21.8	14.6	19.1	20.8	15.9	18.6
10	60.2	59.8	61.8	60.6	16.6	12.4	15.0	16.1	13.9	15.0
11	62.8	62.9	63.5	63.1	19.7	11.4	14.4	19.1	13.3	15.6
12	65.0	64.4	64.4	64.6	18.8	12.9	15.8	18.4	14.7	16.3
13	63.7	62.6	62.2	62.8	19.5	13.8	17.7	18.9	15.6	17.4
14	60.6	59.0	58.2	59.3	21.5	13.7	17.8	19.4	19.3	18.8
15	58.6	57.9	59.3	58.6	25.0	15.6	19.1	21.6	17.8	19.5
16	60.4	59.7	60.6	60.2	22.4	15.8	19.4	21.1	17.1	19.2
17	59.7	59.0	59.5	59.4	22.1	15.1	19.4	20.6	17.3	19.1
18	60.7	60.2	60.7	60.5	22.9	15.4	19.4	21.7	17.1	19.4
19	60.8	59.8	59.6	60.1	21.9	15.9	17.5	20.5	17.3	18.4
20	59.6	58.8	59.2	59.2	23.9	15.2	18.5	23.3	16.3	19.4
21	60.9	60.5	61.2	60.9	22.6	15.5	19.4	21.7	17.2	19.4
22	60.0	62.8	63.8	62.2	22.6	15.3	19.1	21.8	16.8	19.2
23	65.1	64.1	63.9	64.4	22.5	16.7	18.8	21.9	18.2	19.6
24	61.2	59.1	58.2	59.5	26.0	15.9	22.0	24.1	18.9	21.7
25	56.0	53.3	55.1	54.8	27.0	16.9	21.1	26.3	19.2	22.2
26	56.6	57.1	58.6	57.4	23.7	15.2	21.3	23.2	18.1	20.9
27	59.5	58.5	55.4	57.8	23.9	17.2	20.0	22.4	18.1	20.2
28	57.0	57.9	58.7	57.9	24.2	17.0	20.9	23.1	18.2	20.7
29	58.7	58.4	58.7	58.6	24.3	16.7	20.8	23.3	18.6	20.9
30	59.2	59.8	60.2	59.7	24.6	14.7	20.9	23.3	17.9	20.7
31										
	60.05	59.45	59.86	59.79	22.32	14.94	18.54	21.14	16.98	18.89

Barometer, range for month 768.9 mm. — 753.3 mm.
„ 71-yr. average for month 760.03 mm.
Thermometer, range for month 28.0°C — 11.4°C
„ 71-yr. average for month 19.10°C
Rain total for month 4.05 mm.
„ 71-yrs average for month 55.16 mm.
„ Total, Sept. 1st. to end of month 849.75 mm.
„ 71-yrs. average. Sept. 1st. to end of month 870.00 mm.

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METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	7.8	10.2	10.5	9.5	49	51	65	55	9.5	352.0	
2	14.1	13.1	15.2	14.1	77	53	81	70	0.0	269.0	0.25
3	17.3	15.0	12.5	14.9	76	68	72	72	7.3	430.0	
4	13.4	13.9	12.9	13.4	88	63	78	76	6.0	364.0	3.55
5	10.3	14.0	14.6	13.0	49	62	81	64	6.9	513.0	
6	17.0	7.8	11.9	12.2	83	23	45	50	1.0	610.0	
7	16.4	18.9	18.0	17.8	69	75	91	78	0.5	126.0	
8	16.0	15.4	15.7	15.7	77	75	84	79	1.3	332.0	
9	16.7	14.8	14.6	15.4	76	61	79	72	9.4	415.0	
10	12.0	11.6	9.2	10.9	70	62	57	63	0.0	348.0	
11	9.2	10.4	8.7	9.4	58	48	57	54	7.4	362.0	
12	9.2	10.8	11.5	10.5	53	54	70	59	10.0	578.0	
13	11.3	12.9	13.5	12.6	55	60	77	64	11.1	645.0	
14	13.8	16.8	14.6	15.1	69	73	64	69	6.2	459.0	
15	16.1	17.8	14.8	16 2	75	69	74	73	2.9	370.0	
16	17.3	16.5	16.9	16.9	77	67	85	76	6.3	229.0	
17	14.6	18.1	16.3	16.3	65	75	83	74	6.6	649.0	
18	16.2	18.4	16.9	17.3	71	71	85	76	11.1	206.0	
19	16.3	17.6	17.4	17.1	83	73	88	81	8.7	122.0	
20	16.5	17.7	15.6	16.6	80	62	86	76	7.8	172.0	
21	14.6	15.0	15.8	15.1	65	57	80	67	9.5	262.0	
22	15.0	16.1	15.2	15.4	68	63	81	71	7.5	187.0	
23	17.2	18.4	18.8	18.1	79	71	89	80	7.6	253.0	
24	18.0	20.9	20.0	19.6	68	71	91	77	11.3	311.0	
25	18.3	14.9	20.2	17.8	72	45	88	68	11.2	705.0	
26	16.0	18.3	17.1	17.1	64	65	80	70	11.7	549.0	
27	15.2	17.4	18.2	16.9	65	64	87	72	11.4	380.0	
28	20.0	17.7	16.0	17.9	79	63	76	73	11.0	583.0	
29	17.6	18.3	17.1	17.7	73	65	83	74	9.9	634.0	0.25
30	16.5	18.3	17.0	17.3	67	63	82	71	11.6	476.0	
31											
	15.00	15.57	15.22	15.26	70.0	62.4	78.0	70.1	7.42	396.37	0.13

Height of Barometer above sea level : 33.7 meters.
" " Thermometers above ground :
Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.
Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m.
Time of reading minus 2 hours equal G.C.T
71 year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	4ci	1ci	0	1.7	1e	1ne	1ne	light	D. a.m
2	10st	10st	0	6.7	1sw	1se	1ne	,,	
3	0	10cu-st	10st	6.7	2sw	1w	1sw	,,	H.a.m
4	10ni	6cu-st	0	5.3	1e	1w	1ne	,,	
5	6st	9st	0	5.0	1se	2sw	1sw	,,	H.p.m
6	10st	10st	10st	10.0	1se	2sw	2sw	light	H.a.m.p.m.
7	10st	10st	0	6.7	1se	1n	1w	,,	Fog.a.m.p.m.D.p.m.
8	10st	10st	10st	10.0	1sw	1w	1ne	,,	D.a.m
9	1ci	0	0	0.3	1ne	1n	1n	,,	D. a.m.
10	10st	10st	10st	10.0	2nw	1sw	1sw	,,	
11	10cu-st	2cu-st	0	4.0	1sw	1w	1ne	light	
12	0	0	0	0.0	1ne	1ne	2ne	,,	D. a m
13	0	0	0	0.0	2ne	1n	2n	,,	
14	10ci	10st	10st	10.0	1ne	1n	3n	,,	
15	10ci-st	9ci-st	10st	9.7	1sw	1nw	1sw	,,	
16	2ci-st	10st	2st	4.7	1sw	1sw	1sw	light	D.p.m.
17	5ci	10ci-st	10ci-st	8.3	1sw	2sw	2sw	,,	
18	0	3st	0	1.0	1sw	1nw	1nw	,,	D. H.a.m.p.m.
19	10st	0	5ci	5.0	1sw	1ne	1ne	,,	Fog. a. m D.p.m
20	10st	5ci	3ci	6.0	1sw	1w	1sw	calm	D. p.m
21	5st	2st	0	2.3	1sw	1w	1w	calm	
22	10ci-st	0	10st	6.7	1se	1nw	1ne	light	
23	10ci-st	0	10ci	6.7	1nw	1n	1ne	,,	D. p.m
24	0	0	0	0.0	1sw	1nw	1ne	,,	D. a.m. p.m.H.a.m
25	10ci	0	8ci	6.0	1sw	2sw	1sw	,,	H D.a m p m
26	4cu-st	1st	0	1.7	2sw	2sw	1sw	light	
27	0	0	0	0.0	1sw	1w	1ne	,,	D. p m
28	10st	4cu-st	6st	6.7	1sw	2sw	1sw	,,	
29	9st	1st	0	3.3	1sw	2sw	1sw	,,	H.p.m
30	0	0	0	0.0	1sw	2sw	1sw	,,	H.a.m. p.m. D.p.m
31									
	mean			4.82					

Abbreviations: G = gale; H = haze; M = mist; T = thunderstorm; D = dew. W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	4	2	4	0	18	0	2	0	30
14:30	5	3	0	1	0	10	7	4	0	30
20:30	3	11	0	0	0	13	2	1	0	30
Total	8	18	2	5	0	41	9	7	0	90

Number of days with rain 3, fog 2, thunderstorms 0, gale. 0

71 yr. av. number of days with rain during month 6.23